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L1	124374	(382/232,233,234,235,236,238,243,244,245,246,247,248,251,252,253).CCLS. or (("348") or ("358") or ("380")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:07
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L3	1361	2 and wavelet\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:07
L4	928	3 and quantiz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:21
L5	878	4 and compression	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:22
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L9	273	8 and (subband or sub-band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:22
L10	117	9 and (run near4 length or run-length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:19
L11	113	10 and stor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:23
L12	55	11 and intermediat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:18
L13	55	12 and level\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:13
L15	0	13 and datapacker\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:14
L17	47	13 and (2D or two-dimension\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:16
L18	4840	pack\$4 near4 algorithm\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:23

L19	89	18 and (run near4 length or run-length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:21
L20	37	19 and (coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:17
L21	0	20 and (intermediat\$4 near4 level\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:18
L22	39463	(intermediat\$4 near4 level\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:19
L23	93	18 and 22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:19
L24	2	23 and (run near4 length or run-length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:19
L25	63	18 and (Huffman near4 cod\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:23
L26	45	25 and quantiz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:22

L27	9	26 and (run near4 length or run-length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:21
L28	5892	22 and transform\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:22
L29	403	28 and quantiz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:22
L30	193	29 and compression	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:22
L31	56	30 and (subband or sub-band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:22
L32	56	31 and stor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:23
L33	51	32 and (detect\$4 or scan\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:23
L34	15	33 and (Huffman near4 cod\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:23

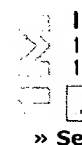
L35	0	34 and (pack\$4 near4 algorithm\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:24
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**1 High performance wavelet image compression optimized for MSE and HVS metrics**
*Topiwala, P.;*

Data Compression Conference, 1996. DCC '96. Proceedings , 31 March-3 April 1996

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**2 Speech compression using discreet wavelet transform**
*Najih, A.M.M.A.; bin Ramli, A.R.; Prakash, V.; Syed, A.R.;*

Telecommunication Technology, 2003. NCTT 2003 Proceedings. 4th National Conference on , 14-15 Jan. 2003

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**3 Reduced dimension image compression and its applications**
*Kil, D.H.; Shin, F.B.;*

Image Processing, 1995. Proceedings., International Conference on , Volume: 3 , 23-26 Oct. 1995

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**4 Reduced dimension image compression for remotely distributed underwater signal processing**
*Kil, D.H.; Frances Bongjoo Shin;*

OCEANS '95. MTS/IEEE. 'Challenges of Our Changing Global Environment'. Conference Proceedings. , Volume: 2 , 9-12 Oct. 1995

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**5 Lossy Lempel-Ziv on subband coding of images**

*Finamore, W.A.; de Carvalho, M.B.;*

Information Theory, 1994. Proceedings., 1994 IEEE International Symposium on , 27 June-1 July 1994

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**6 A high-performance full-motion video compression chip set**

*Ruetz, P.A.; Tong, P.; Bailey, D.; Luthi, P.A.; Ang, P.H.;*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 2 , Issue: 2 , June 1992

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**7 Adaptive entropy coded subband coding of images**

*Kim, Y.H.; Modestino, J.W.;*

Image Processing, IEEE Transactions on , Volume: 1 , Issue: 1 , Jan. 1992

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**8 Hardware implementation of a color image decoder for remote data access**

*Quackenbush, S.;*

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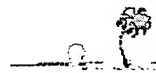
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Application#	Patent#	Status	Date Filed	Title	Inventor Name 38
<a href="#">60171509</a>	Not Issued	159	12/22/1999	WAVENET: STILL IMAGE COMPRESSION	HSU , CHARLES C.
<a href="#">60150018</a>	Not Issued	159	08/20/1999	NOVEL PREPARATION OF FIBER, L-GLUTAMINE AND A SOY DERIVATIVE FOR THE PURPOSE OF ENHANCEMENT OF ISOFLAVONE BIOAVAILABILITY	HSU , CHARLES C.
<a href="#">60135728</a>	Not Issued	159	05/25/1999	PROFILING AND CATALOGING EXPRESSED PROTEIN TAGS	HSU , CHARLES
<a href="#">60106078</a>	Not Issued	159	10/29/1998	PROGRESSIVE TRANSMISSION OF HISTOGRAM-PRESERVING CODEC	HSU , CHARLES
<a href="#">60096291</a>	Not Issued	159	08/12/1998	EXPRESSED PROTEIN TAGS AND METHODS OF GENERATING THE SAME	HSU , CHARLES
<a href="#">60060169</a>	Not Issued	159	09/26/1997	SYSTEM, METHOD AND MEDIUM FOR INCREASING COMPRESSION OF AN IMAGE WHILE MINIMIZING IMAGE DEGRADATION	HSU , CHARLES C.
<a href="#">10808041</a>	Not Issued	030	03/24/2004	PROFILING AND CATALOGING EXPRESSED PROTEIN TAGS	HSU, CHARLES
<a href="#">10642785</a>	Not Issued	041	08/19/2003	STRUCTURE OF ENGINE EXHAUSTER	HSU, CHARLES
<a href="#">10159258</a>	Not Issued	030	06/03/2002	STRUCTURE AND METHOD FOR IMPROVING METAL HONEYCOMB CORE BODY OF CATALYST CONVERTERS	HSU, CHARLES
<a href="#">10159256</a>	Not Issued	030	06/03/2002	CYLINDRICAL METALLIC STRUCTURE FOR IMPROVING	HSU, CHARLES



				CATALYSIS	
<u>10080809</u>	<u>6488968</u>	150	02/22/2002	NOVEL PREPARATION OF FIBER, L-GLUTAMINE AND A SOY DERIVATIVE FOR THE PURPOSE OF ENHANCEMENT OF ISOFLAVONE BIOAVAILABILITY	HSU, CHARLES C.
<u>10022203</u>	<u>6660401</u>	150	12/20/2001	DISPOSITION OF SOLDER FOR HEAT RESISTANT STRUCTURE	HSU, CHARLES
<u>09853009</u>	<u>6633426</u>	150	05/10/2001	OPTICAL-ELECTRICAL MEMS DEVICES AND METHOD	HSU, CHARLES
<u>09740961</u>	Not Issued	071	12/21/2000	WAVE IMAGE COMPRESSION	HSU, CHARLES C.
<u>09641751</u>	<u>6375994</u>	150	08/18/2000	NOVEL PREPARATION OF FIBER, L-GLUTAMINE AND A SOY DERIVATIVE FOR THE PURPOSE OF ENHANCEMENT OF ISOFLAVONE BIOAVAILABILITY	HSU, CHARLES C.
<u>09372380</u>	Not Issued	161	08/11/1999	PROFILING AND CATALOGING EXPRESSED PROTEIN TAGS	HSU , CHARLES
<u>09160301</u>	<u>6389176</u>	150	09/25/1998	SYSTEM, METHOD AND MEDIUM FOR INCREASING COMPRESSION OF AN IMAGE WHILE MINIMIZING IMAGE DEGRADATION	HSU , CHARLES C.
<u>09133094</u>	Not Issued	169	08/12/1998	EXPRESSED PROTEIN TAGS AND METHODS OF GENERATING THE SAME	HSU , CHARLES
<u>09002494</u>	Not Issued	161	01/02/1998	METHOD AND APPARATUS FOR A VISUAL COMMUNICATION NETWORK (V-NET) DEVICE AND SYSTEM	HSU , CHARLES C
<u>08663435</u>	<u>5623153</u>	150	06/13/1996	SUB-QUARTER MICROMETER CHANNEL FIELD EFFECT TRANSISTOR HAVING ELEVATED SOURCE / DRAIN AREAS AND LIGHTLY DOPED DRAINS	HSU , CHARLES CHING-HSIANG
<u>08580893</u>	Not Issued	161	12/29/1995	METHOD AND APPARATUS FOR DISCRETE WAVELET COSINE TRANSFORMATION (DWCT) FOR VIDEO/AUDIO	HSU , CHARLES C.

				DATA COMPRESSION	
<u>08416168</u>	<u>5646435</u>	150	04/04/1995	METHOD FOR FABRICATING CMOS FIELD EFFECT TRANSISTORS HAVING SUB-QUARTER MICROMETER CHANNEL LENGTHS WITH IMPROVED SHORT CHANNEL EFFECT CHARACTERISTICS	HSU , CHARLES CHING-HSIANG
<u>08416167</u>	<u>5545579</u>	150	04/04/1995	METHOD OF FABRICATING A SUB-QUARTER MICROMETER CHANNEL FIELD EFFECT TRANSISTOR HAVING ELEVATED SOURCE / DRAIN AREAS AND LIGHTLY DOPED DRAINS	HSU , CHARLES CHING-HSIANG
<u>08316213</u>	<u>5842346</u>	250	09/30/1994	ABSORBENT CARTRIDGE FOR RELEASE MECHANISM POWERED BY CONTACT WITH FLUID	HSU , CHARLES J.
<u>07634024</u>	<u>5146778</u>	150	12/26/1990	OIL AND/OR WATER DETECTION APPARATUS	HSU , CHARLES J.
<u>07344699</u>	<u>4994255</u>	150	04/28/1989	OXIDATION OF FERROUS CHLORIDE DIRECTLY TO CHLORINE IN A FLUID BED REACTOR	HSU , CHARLES KUEI-YUEN
<u>07147702</u>	<u>4890485</u>	250	01/25/1988	A MECHANISM WHICH REACTS TO THE PRESENCE OF OIL AND/OR WATER	HSU , CHARLES J.
<u>07141951</u>	Not Issued	161	01/11/1988	OXIDATION OF FERROUS CHLORIDE DIRECTLY TO CHLORINE IN A FLUID BED REACTOR	HSU , CHARLES KUEI-YEN
<u>07130824</u>	Not Issued	161	12/09/1987	HUMAN CELL LIFE EXTENSION	HSU , CHARLES
<u>06941996</u>	Not Issued	161	12/15/1986	SYSTEM TO DETECT OIL OR WATER LEAKAGES	HSU , CHARLES J.
<u>06888693</u>	Not Issued	161	07/24/1986	OXIDATION OF FERROUS CHLORIDE DIRECTLY TO CHLORINE IN A FLUID BED REACTOR	HSU , CHARLES KUEI-YEN
<u>06713375</u>	Not Issued	163	03/19/1985	RECOVERY OF VANADIUM AND COOPER FROM ADIPIC ACID PRODUCTION	HSU , CHARLES K. C.
<u>06652049</u>	<u>4575562</u>	150	09/19/1984	DIMETHYL ADIPATE FROM BUTADIENE	HSU , CHARLES K.
<u>06638822</u>	Not	161	08/08/1984	CARBONYLATION OF DIENES	HSU , CHARLES

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<u>06489629</u>	Not Issued	168	04/28/1983	RECOVERY OF VANADIUM AND COPPER FROM ADIPIC ACID PRODUCTION	HSU , CHARLES K.C.
<u>06481220</u>	Not Issued	168	04/01/1983	RECOVERY OF VANADIUM AND COPPER FROM ADIPIC ACID PRODUCTION	HSU , CHARLES K. C.
<u>06357070</u>	4419236	150	03/11/1982	WATER DETECTING OR ABSORBING DEVICE FOR USE IN AND REMOVAL FROM A TANK WITH A LIMITED OPENING	HSU , CHARLES JUI-CHENG
<u>06296558</u>	4448027	150	08/26/1981	CARTRIDGE CONTAINING WATER EXPANDABLE MEMBERS	HSU , CHARLES JUI-CHENG

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